

**AMENDMENT TO THE SPECIFICATION:**

The second full paragraph on page two:

During the period when SA was turned on, the error introduced by the government was the major error in the GPS civilian system which required various techniques such as DGPS to sufficiently correct distances for use on a golf course. With SA turned off, DGPS is no longer necessary for sufficiently accurate distance calculations over short periods of time where environmental conditions remain essentially unchanged for a GPS system tuned for the motion dynamics of a golfer. However, over longer periods of time, the changes in the ionosphere and troposphere now make up the major error in the GPS civilian system when determining locations and distances on a golf course. By applying the processes of the present invention, these changes can be filtered out and the GPS tunable parameters can be set by the golfer for a specific course to produce accuracies necessary for the golf course environment.